

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/604,944A
Source: JPN16
Date Processed by STIC: 7-27-05

ENTERED



IFW16

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/604,944A

DATE: 07/27/2005

TIME: 12:15:41

Input Set : A:\Sequence Listing.txt

Output Set: N:\CRF4\07272005\J604944A.raw

3 <110> APPLICANT: ROSETTA GENOMICS LTD
 5 <120> TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL HIV REGULATORY
 GENES
 6 AND USES THEREOF
 8 <130> FILE REFERENCE: 55008
 C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/604,944A
 C--> 10 <141> CURRENT FILING DATE: 2003-08-28
 10 <160> NUMBER OF SEQ ID NOS: 524
 12 <170> SOFTWARE: PatentIn version 3.3
 14 <210> SEQ ID NO: 1
 15 <211> LENGTH: 51
 16 <212> TYPE: DNA
 17 <213> ORGANISM: Human immunodeficiency virus 1
 19 <400> SEQUENCE: 1
 20 caatgagtcc gagatcttca gacctggagg aggagatatg agggacaatt g 51
 23 <210> SEQ ID NO: 2
 24 <211> LENGTH: 52
 25 <212> TYPE: DNA
 26 <213> ORGANISM: Human immunodeficiency virus 1
 28 <400> SEQUENCE: 2
 29 catatgtatg tttcaggaa agctaggaa tggtttata gacatcacta tg 52
 32 <210> SEQ ID NO: 3
 33 <211> LENGTH: 59
 34 <212> TYPE: DNA
 35 <213> ORGANISM: Human immunodeficiency virus 1
 37 <400> SEQUENCE: 3
 38 ccactctatt ttgtgcatca gatgctaaag catatgatac agaggtacat aatgtttgg 59
 41 <210> SEQ ID NO: 4
 42 <211> LENGTH: 64
 43 <212> TYPE: DNA
 44 <213> ORGANISM: Human immunodeficiency virus 1
 46 <400> SEQUENCE: 4
 47 ccataatgat gcagagaggc aatttttagga accaaagaaa gattgttaag tgttcaatt 60
 49 gtgg 64
 52 <210> SEQ ID NO: 5
 53 <211> LENGTH: 52
 54 <212> TYPE: DNA
 55 <213> ORGANISM: Human immunodeficiency virus 1
 57 <400> SEQUENCE: 5
 58 ccattgacag aagaaaaat aaaagcatta gtagaaattt gtacagagat gg 52
 61 <210> SEQ ID NO: 6
 62 <211> LENGTH: 65
 63 <212> TYPE: DNA
 64 <213> ORGANISM: Human immunodeficiency virus 1

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PATENT APPLICATION: US/10/604,944A **TIME:** 12:15:41

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66 <400> SEQUENCE: 6
67 cctctattgt gtgcatcaa ggatagagat aaaagacacc aaggaagctt tagacaagat      60
69 agagg
72 <210> SEQ ID NO: 7
73 <211> LENGTH: 52
74 <212> TYPE: DNA
75 <213> ORGANISM: Human immunodeficiency virus 1
77 <400> SEQUENCE: 7
78 gaatagttt tgctgtactt tctatagtga atagagttag gcagggatat tc      52
81 <210> SEQ ID NO: 8
82 <211> LENGTH: 67
83 <212> TYPE: DNA
84 <213> ORGANISM: Human immunodeficiency virus 1
86 <400> SEQUENCE: 8
87 gccacatacc tagaagaata agacaggcgt tggaaaggat tttgctataa gatgggtggc      60
89 aagtgg
92 <210> SEQ ID NO: 9
93 <211> LENGTH: 52
94 <212> TYPE: DNA
95 <213> ORGANISM: Human immunodeficiency virus 1
97 <400> SEQUENCE: 9
98 ggagacagcg acgaagagct catcagaaca gtcagactca tcaagcttct ct      52
101 <210> SEQ ID NO: 10
102 <211> LENGTH: 51
103 <212> TYPE: DNA
104 <213> ORGANISM: Human immunodeficiency virus 1
106 <400> SEQUENCE: 10
107 ggtccaaaat gcgaacccag attgtaagac tattttaaaa gcattggac c      51
110 <210> SEQ ID NO: 11
111 <211> LENGTH: 69
112 <212> TYPE: DNA
113 <213> ORGANISM: Human immunodeficiency virus 1
115 <400> SEQUENCE: 11
116 gtactgggtc tctctggta gaccagatct gagcctggga gctctctggc taactaggga      60
118 acccaactgc
121 <210> SEQ ID NO: 12
122 <211> LENGTH: 54
123 <212> TYPE: DNA
124 <213> ORGANISM: Human immunodeficiency virus 1
126 <400> SEQUENCE: 12
127 taatttggaaat aaatctgttg actcagatgg ttgcacttt aaattttccc atta      54
130 <210> SEQ ID NO: 13
131 <211> LENGTH: 50
132 <212> TYPE: DNA
133 <213> ORGANISM: Human immunodeficiency virus 1
135 <400> SEQUENCE: 13
136 tccttggcaa cgaccctcg tcacaataaa gatagggggg caactaaagg      50
139 <210> SEQ ID NO: 14
140 <211> LENGTH: 77

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141 <212> TYPE: DNA
142 <213> ORGANISM: Human immunodeficiency virus 1
144 <400> SEQUENCE: 14
145 ttaccctata gtgcagaaca tccagggca aatggtacat caggccatat cacctagaac      60
147 tttaaatgca tggtaa                                         77
150 <210> SEQ ID NO: 15
151 <211> LENGTH: 55
152 <212> TYPE: DNA
153 <213> ORGANISM: Human immunodeficiency virus 1
155 <400> SEQUENCE: 15
156 ttcattgccca agtttgttc ataacaaaag ccttaggcat ctcctatggc aggaa      55
159 <210> SEQ ID NO: 16
160 <211> LENGTH: 24
161 <212> TYPE: DNA
162 <213> ORGANISM: Human immunodeficiency virus 1
164 <400> SEQUENCE: 16
165 tgagtccgag atcttcagac ctgg                                         24
168 <210> SEQ ID NO: 17
169 <211> LENGTH: 19
170 <212> TYPE: DNA
171 <213> ORGANISM: Human immunodeficiency virus 1
173 <400> SEQUENCE: 17
174 ttttatagac atcactatg                                         19
177 <210> SEQ ID NO: 18
178 <211> LENGTH: 24
179 <212> TYPE: DNA
180 <213> ORGANISM: Human immunodeficiency virus 1
182 <400> SEQUENCE: 18
183 tatgatacag aggtacataa tgtt                                         24
186 <210> SEQ ID NO: 19
187 <211> LENGTH: 19
188 <212> TYPE: DNA
189 <213> ORGANISM: Human immunodeficiency virus 1
191 <400> SEQUENCE: 19
192 ttaagtgtt caatttggg                                         19
195 <210> SEQ ID NO: 20
196 <211> LENGTH: 24
197 <212> TYPE: DNA
198 <213> ORGANISM: Human immunodeficiency virus 1
200 <400> SEQUENCE: 20
201 tgacagaaga aaaaataaaaa gcat                                         24
204 <210> SEQ ID NO: 21
205 <211> LENGTH: 24
206 <212> TYPE: DNA
207 <213> ORGANISM: Human immunodeficiency virus 1
209 <400> SEQUENCE: 21
210 tattgtgtgc atcaaaggat agag                                         24
213 <210> SEQ ID NO: 22
214 <211> LENGTH: 24

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Input Set : A:\Sequence Listing.txt
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215 <212> TYPE: DNA
216 <213> ORGANISM: Human immunodeficiency virus 1
218 <400> SEQUENCE: 22
219 tagttttgc tgtactttct atag                                24
222 <210> SEQ ID NO: 23
223 <211> LENGTH: 20
224 <212> TYPE: DNA
225 <213> ORGANISM: Human immunodeficiency virus 1
227 <400> SEQUENCE: 23
228 taagatgggt ggcaagtggt                                20
231 <210> SEQ ID NO: 24
232 <211> LENGTH: 20
233 <212> TYPE: DNA
234 <213> ORGANISM: Human immunodeficiency virus 1
236 <400> SEQUENCE: 24
237 cagactcatc aagcttctct                                20
240 <210> SEQ ID NO: 25
241 <211> LENGTH: 24
242 <212> TYPE: DNA
243 <213> ORGANISM: Human immunodeficiency virus 1
245 <400> SEQUENCE: 25
246 tc当地aaatgc gaaccaggat tgta                                24
249 <210> SEQ ID NO: 26
250 <211> LENGTH: 24
251 <212> TYPE: DNA
252 <213> ORGANISM: Human immunodeficiency virus 1
254 <400> SEQUENCE: 26
255 tctctggta gaccaggatct gagg                                24
258 <210> SEQ ID NO: 27
259 <211> LENGTH: 24
260 <212> TYPE: DNA
261 <213> ORGANISM: Human immunodeficiency virus 1
263 <400> SEQUENCE: 27
264 ttgggtgcac tt当地aaatttt ccca                                24
267 <210> SEQ ID NO: 28
268 <211> LENGTH: 24
269 <212> TYPE: DNA
270 <213> ORGANISM: Human immunodeficiency virus 1
272 <400> SEQUENCE: 28
273 tggcaacgac ccctcgtaac aata                                24
276 <210> SEQ ID NO: 29
277 <211> LENGTH: 24
278 <212> TYPE: DNA
279 <213> ORGANISM: Human immunodeficiency virus 1
281 <400> SEQUENCE: 29
282 tatagtgcag aacatccagg ggca                                24
285 <210> SEQ ID NO: 30
286 <211> LENGTH: 24
287 <212> TYPE: DNA

```

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Input Set : A:\Sequence Listing.txt
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```

288 <213> ORGANISM: Human immunodeficiency virus 1
290 <400> SEQUENCE: 30
291 agccttaggc atctcctatg gcag 24
294 <210> SEQ ID NO: 31
295 <211> LENGTH: 20
296 <212> TYPE: DNA
297 <213> ORGANISM: Human
299 <400> SEQUENCE: 31
300 atgctttcat tttttactg 20
303 <210> SEQ ID NO: 32
304 <211> LENGTH: 19
305 <212> TYPE: DNA
306 <213> ORGANISM: Human
308 <400> SEQUENCE: 32
309 ttttatttctt tcttcttca 19
312 <210> SEQ ID NO: 33
313 <211> LENGTH: 22
314 <212> TYPE: DNA
315 <213> ORGANISM: Human
317 <400> SEQUENCE: 33
318 gaaaattgaa aagtacaact aa 22
321 <210> SEQ ID NO: 34
322 <211> LENGTH: 18
323 <212> TYPE: DNA
324 <213> ORGANISM: Human
326 <400> SEQUENCE: 34
327 accacttgcc acgctgtt 18
330 <210> SEQ ID NO: 35
331 <211> LENGTH: 21
332 <212> TYPE: DNA
333 <213> ORGANISM: Human
335 <400> SEQUENCE: 35
336 ggaaaaaaaaag actgcaacca a 21
339 <210> SEQ ID NO: 36
340 <211> LENGTH: 17
341 <212> TYPE: DNA
342 <213> ORGANISM: Human
344 <400> SEQUENCE: 36
345 agagaagtgt gaccctg 17
348 <210> SEQ ID NO: 37
349 <211> LENGTH: 22
350 <212> TYPE: DNA
351 <213> ORGANISM: Human
353 <400> SEQUENCE: 37
354 ccaggctcaa acagctgacc ca 22
357 <210> SEQ ID NO: 38
358 <211> LENGTH: 19
359 <212> TYPE: DNA
360 <213> ORGANISM: Human

```

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 07/27/2005
PATENT APPLICATION: US/10/604,944A TIME: 12:15:42

Input Set : A:\Sequence Listing.txt
Output Set: N:\CRF4\07272005\J604944A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:523; N Pos. 18,19,20

Seq#:524; N Pos. 23,24,25

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/604,944A

DATE: 07/27/2005

TIME: 12:15:42

Input Set : A:\Sequence Listing.txt

Output Set: N:\CRF4\07272005\J604944A.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application No

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:4850 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:523 after pos.:0

L:4865 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:524 after pos.:0